



Michigan Agricultural Statistics Service
Michigan Department of Agriculture

Michigan 2002-2003 Highlights



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Introduction

The "Michigan 2002-2003 Highlights" contains a summary of information included in the complete "Michigan Agricultural Statistics 2002-2003" publication. State budget constraints limited the number of copies printed. The entire publication, including the Michigan Department of Agriculture 2002 Annual Report, can be viewed and printed from the MASS home page at www.nass.usda.gov/mi under "Releases and Publications."

Number of farms and land in farms, 2001-2002

Item	Unit	2001	2002
Farms	1,000 farms	52.0	52.0
Land in farms	Million acres	10.4	10.4
Average size of farms	Acres	200	200

Farm real estate: Values and cash rents, 2002-2003

Item	Unit	2002	2003
Farm real estate average value per acre	Dollars	2,500	2,700
Cropland average value per acre	Dollars	2,300	2,400
Cropland average cash rent per acre	Dollars	60	60

Growing Season Weather Summary

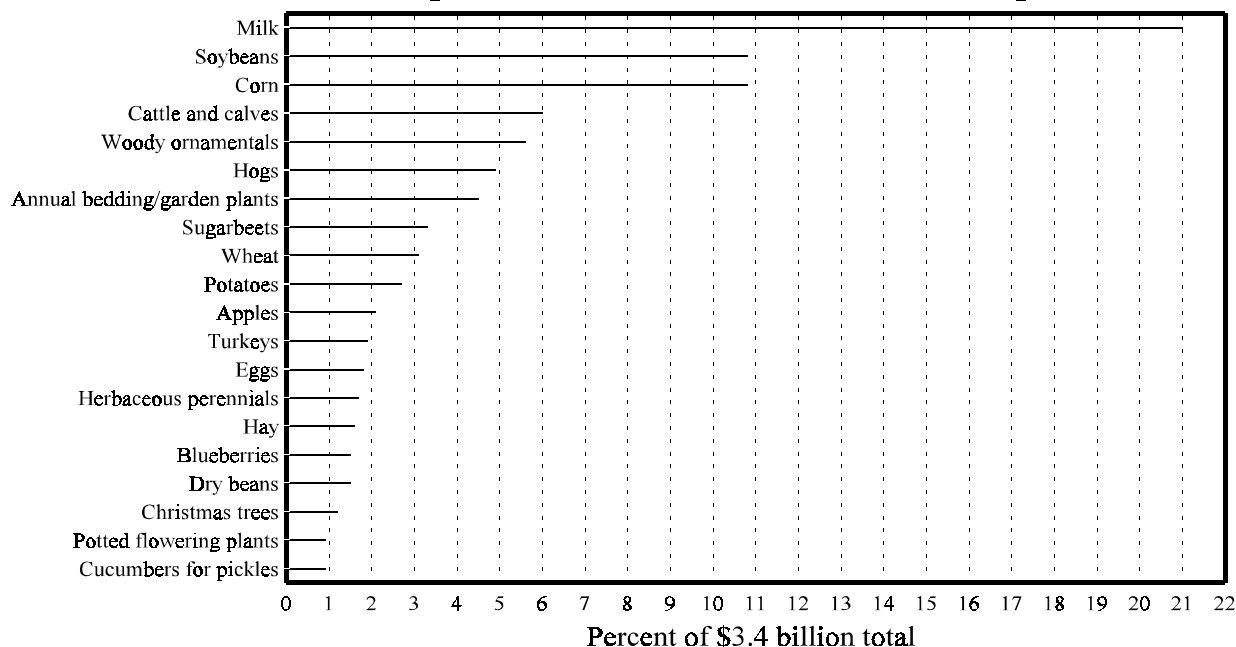
Dr. Jeff Andresen, Michigan State University

The 2002 growing season began with a period of abnormally warm weather during the middle two weeks of April. Temperatures at least 35 degrees above climatological normal high temperatures for the season set new maximum records at many locations on April 16 to 18. The unusual warmth came to an abrupt end on April 20 and again on April 25. Snow fell on April 21 and 22, and near-record minimum temperatures in the upper teens and twenties occurred on the morning of April 23. The cold temperatures caused extensive damage to many perennial crops, especially tree fruit and grapes.

May and June were cooler than normal with above normal precipitation. This caused major delays in spring planting and slowed germination, growth, and development of all crops. In some areas, the conditions necessitated replanting. The middle and latter portions of the growing season were characterized by warmer than normal temperatures, and during much of June, July, and early August, by much drier than normal conditions. This drier than normal pattern continued through August and the remainder of the fall season. Notable exceptions were the western and central sections of the Upper Peninsula, where periodic heavy rainfall led to above normal precipitation.

The first killing freeze of the fall season occurred during the last week of September and first two weeks of October over most of the State, which is near to a few days later than normal.

Top 20 Commodities in Cash Receipts, 2002



Michigan commodities ranked first in U.S. agriculture, 2002

Item	Unit	Quantity	Percent of U.S.
		<i>1,000</i>	<i>Percent</i>
Beans, dry, black	Cwt	2,030	65.2
Beans, dry, cranberry	Cwt	290	80.8
Blueberries	Pounds	64,000	33.4
Cucumbers (for pickles)	Tons	158.7	25.7
Flowering hanging baskets	Number	3,917	10.5
Geraniums (seed and cuttings)	Pots	21,402	21.1
Impatiens	Flats	2,289	16.7
Other potted perennials	Pots	26,813	14.7

Cash receipts by commodity groups and selected commodities 1998-2002 ¹

Item	1998	1999	2000	2001	2002
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Total cash receipts	3,500,694	3,462,584	3,316,884	3,506,871	3,390,071
Total livestock and products	1,320,034	1,327,853	1,333,868	1,492,242	1,259,700
Meat animals	338,236	387,877	458,574	442,970	373,105
Cattle and calves	196,656	235,829	255,892	227,930	204,629
Hogs	138,347	149,937	200,485	212,599	165,928
Sheep and lambs	3,233	2,111	2,197	2,441	2,548
Dairy (milk)	813,960	801,420	729,495	883,120	712,085
Poultry and eggs	119,233	90,914	98,739	119,207	123,620
Eggs	57,639	53,655	56,739	61,063	59,459
Turkeys		35,092	40,460	56,700	62,832
Other	61,594	2,167	1,540	1,444	1,329
Miscellaneous livestock	48,605	47,642	47,060	46,945	50,890
Honey	4,488	4,095	3,240	3,694	7,429
Mink pelts	1,854	1,339	1,719	1,445	1,809
Trout	1,151	1,113	1,037	823	663
Other	41,112	41,095	41,064	40,983	40,989
Total crops	2,180,660	2,134,731	1,983,016	2,014,629	2,130,371
Field crops	1,109,725	1,012,477	937,336	941,909	1,061,744
Corn	380,769	328,897	295,917	346,105	364,637
Dry beans	101,836	135,567	75,340	24,669	49,416
Hay	32,468	35,272	45,379	56,232	54,991
Soybeans	412,373	311,866	324,092	292,548	364,915
Sugarbeets	101,586	115,915	106,514	112,056	111,499
Wheat	67,293	70,789	77,613	98,841	103,819
Other	13,400	14,171	12,481	11,458	12,467
Vegetables	327,465	316,386	327,279	326,505	345,157
Asparagus	17,320	18,822	18,075	12,516	11,703
Beans, snap	21,659	19,493	16,778	15,614	17,005
Carrots	19,281	16,717	19,292	25,358	21,033
Celery	13,327	11,005	13,421	12,650	14,441
Corn, sweet	12,900	13,282	13,430	11,880	16,800
Cucumbers, fresh	21,366	22,506	25,192	24,200	20,520
Cucumbers, pickles	21,970	26,076	38,700	30,843	30,153
Onions	10,077	8,866	9,127	9,655	9,347
Peppers, green, fresh	8,640	9,600	10,395	8,008	9,600
Potatoes	82,603	82,258	87,362	91,478	92,925
Pumpkins			8,448	6,336	9,600
Squash			9,333	15,254	22,365
Tomatoes, fresh	18,596	16,549	18,115	13,230	10,889
Tomatoes, processing	7,560	7,308	6,804	8,432	9,296
Other	72,166	63,904	32,807	41,051	49,480
Fruit	217,243	246,377	238,523	214,916	157,667
Apples	93,808	98,551	91,304	78,280	70,925
Blueberries	30,260	54,660	55,140	49,840	52,240
Grapes	19,820	21,083	24,156	10,110	14,757
Peaches	11,546	5,440	11,340	12,503	4,452
Strawberries	7,089	6,412	6,145	4,682	3,804
Sweet cherries	18,551	14,149	10,290	11,092	2,222
Tart cherries	32,162	42,134	36,370	44,412	7,192
Other	4,007	3,948	3,778	3,997	2,075
Miscellaneous crops	17,783	16,552	17,926	19,554	20,885
Floriculture and nursery	508,444	542,939	461,952	511,745	544,918

¹ Source: U.S. Department of Agriculture, Economic Research Service.

Crop acreage, production, price, and value, 2001-2002

Crop	Unit	2001				2002			
		Harvested	Production	Price	Value of production	Harvested	Production	Price	Value of production
		<i>1,000 acres</i>	<i>1,000</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>1,000 acres</i>	<i>1,000</i>	<i>Dollars</i>	<i>Million dollars</i>
Field and misc. crops		6,448	NA	NA	1,297.9	6,483	NA	NA	1,680.9
Corn for grain	Bushels	1,900	199,500	1.97	393.0	2,020	232,300	2.30	534.3
All hay	Tons	1,150	3,790	70.50	266.7	1,150	3,700	80.00	291.9
Soybeans	Bushels	2,130	63,900	4.47	285.6	2,030	78,155	5.50	429.9
All dry beans	Cwt	130	780	24.60	19.2	265	4,903	14.50	71.1
All wheat	Bushels	560	35,840	2.43	87.1	490	32,830	3.30	108.3
All potatoes	Cwt	45	13,950	7.65	106.7	45.5	13,878	7.80	108.2
Sugarbeets	Tons	166	3,220	34.80	112.1	177	3,204	(¹)	(¹)
Oats	Bushels	55	3,520	1.80	6.3	65	4,160	1.75	7.3
Barley	Bushels	18	1,008	1.50	1.5	19	988	1.60	1.6
Maple syrup ²	Gallons	332	60	29.70	1.8	320	66	32.50	2.1
Peppermint	Pounds	1	50	9.90	0.5	1	50	9.00	0.5
Spearmint	Pounds	1.7	85	9.80	0.8	1.7	85	9.00	0.8
Fruits and nuts		116	NA	NA	218.2	112	NA	NA	145.7
Vegetables		112	NA	NA	208.1	118	NA	NA	208.8
Principal crops		6,676	NA	NA	1,724.2	6,713	NA	NA	2,035.4

¹ The 2002 price and value will be published in "Crop Values" February 2004.

² Harvested taps.

Fruit Summary

Fruit	Bearing acres		Total production	
	2001	2002	2001	2002
	<i>Acres</i>	<i>Acres</i>	<i>Million pounds</i>	<i>Million pounds</i>
Apples	44,500	41,000	930.0	500.0
Tart cherries	27,400	27,000	297.0	15.0
Peaches	4,600	4,700	42.0	14.0
Blueberries ¹	16,800	16,900	70.0	64.0
Strawberries ¹	900	900	5.0	4.2
	<i>Acres</i>	<i>Acres</i>	<i>Thousand tons</i>	<i>Thousand tons</i>
Sweet cherries	7,400	7,400	23.0	2.7
Grapes	12,300	12,300	28.9	42.7
Pears	800	800	4.6	1.4
Plums	800	800	3.60	0.25

¹ Harvested acres.

Vegetable Summary

Item	Harvested		Production	
	2001	2002	2001	2002
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>
Asparagus ¹	14,300	15,000	290	219
Beans, snap	3,800	4,300	190	194
Cabbage	1,800	1,800	576	540
Cantaloups ²	500		53	
Carrots	4,800	4,400	1,680	1,452
Celery ¹	1,900	2,100	873	987
Corn, sweet	9,000	10,000	540	800
Cucumbers	5,500	6,000	1,210	1,140
Onions	3,700	3,900	999	897
Peppers, bell ¹	1,400	1,600	364	400
Pumpkins ¹	4,400	5,000	528	600
Radishes ²	3,000		195	
Squash ¹	6,400	6,800	1,278	1,564
Tomatoes	1,800	1,700	378	357
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>
Beans, snap	16,000	16,000	56	60
Carrots	1,500	1,400	32	32
Cucumbers	29,500	34,500	125	159
Tomatoes	3,100	3,200	105	112

¹ Dual purpose crops. Processing included in fresh market.

² Estimates discontinued in 2002.

Horticulture

Michigan placed fourth nationally in value of wholesale sales of floriculture products in 2002, behind California, Florida, and Texas. Reports from Michigan's 657 commercial growers showed an estimated wholesale value of \$313.9 million, up 12 percent from last year.

The leading crop categories for Michigan were:

First, annual bedding/garden plants with \$154 million in sales.

Second, herbaceous perennial plants with \$57 million in sales.

Third, propagative materials with \$45 million in sales.

Fourth, potted flowering plants with \$31 million in sales.

Cattle inventory, January 1, 2002-2003

Class	2002	2003
	<i>1,000 head</i>	<i>1,000 head</i>
All cattle and calves	990	990
Cows	370	390
Beef	73	89
Milk	297	301
Replacement heifers	210	212
Beef	30	35
Milk	135	135
Other	45	42
Steers 500 pounds and over	195	195
Bulls 500 pounds and over	17	18
Calves under 500 pounds	198	175
Cattle on feed	190	180

Hogs and pigs: Inventory, production, and value, 2001-2002

Item	Unit	2001	2002
December 1 inventory	1,000 head	960	860
Production ¹	1,000 pounds	491,070	503,473
Marketings ²	1,000 pounds	499,800	522,925
Value of production	1,000 dollars	200,748	154,926

¹ Adjustments made for changes in inventory and for inshipments.

² Excludes custom slaughter for use on farms where produced and inter-farm sales within the state.

Sheep inventory, January 1, 2002-2003

Class	2002	2003
	<i>1,000 head</i>	<i>1,000 head</i>
All sheep and lambs	72	75
Breeding sheep and lambs	52	54
Ewes	40	41
Rams	2	2
Replacement lambs	10	11
Total market sheep and lambs	20	21
Previous year's lamb crop	50	53

Trout

Michigan's 22 commercial trout operations sold 248,000 pounds of trout in 2002. This was a decrease of 34 percent from last season. Sales were valued at \$663,000 and included sales of foodsize trout (12 inches or longer), stockers (6 to 12 inches), fingerlings (1 to 6 inches) and eggs.

Honey

Honey production in Michigan during 2002 totaled 5.54 million pounds, 21 percent more than a year ago. This estimate included honey from producers with 5 or more colonies. There were 72,000 colonies in production during 2002, down 4,000 colonies from 2001.

Michigan Poultry Production and Value, 2001-2002

Item	Unit	2001	2002	Percent change
Eggs, all				
Eggs produced	Millions	1,677	1,771	6
Price/dozen	Dollars	0.437	0.403	-8
Value of production	1,000 dollars	61,063	59,459	-3
Chickens				
Birds lost	Thousands	889	467	-47
Birds sold	Thousands	3,657	3,620	-1
Pounds sold	Thousands	12,800	12,670	-1
Price/pound	Dollars	0.010	0.001	-90
Value of sales	1,000 dollars	128	13	-90
Turkeys				
Number raised	Thousands	4,500	4,800	7
Pounds produced	Thousands	162,000	179,520	11
Price/pound	Dollars	0.350	0.350	0
Value of production	1,000 dollars	56,700	62,832	11
Total value	1,000 dollars	117,891	122,304	4

Milk: Production, utilization, marketings, and value, 2001-2002

Item	Unit	2001	2002
Production			
Total milk produced on farms	Million pounds	5,870	5,945
Milkfat produced	Million pounds	213.1	215.2
Milkfat	Percent	3.63	3.62
Utilization			
Milk used where produced			
Fed to calves	Million pounds	55	55
Used for milk, cream, and butter	Million pounds	5	5
Milk marketed by producers	Million pounds	5,810	5,885
Average return per 100 pounds of milk	Dollars	15.20	12.10
Average return per pound milkfat	Dollars	4.19	3.34
Fluid grade	Percent	99	99
Total cash receipts	1,000 dollars	883,120	712,085
Value			
Value of milk used where produced ¹	1,000 dollars	9,120	7,260
Total value of milk produced	1,000 dollars	892,240	719,345

¹ Includes value of milk fed to calves and milk used by farm households.